

**PENDING CLAIMS**

1. (Previously presented) A dispersion comprising:

polyanions;

cationic 3,4-polyalkyleredioxythiophenes; and

a solvent comprising water and optionally alcohol,

wherein said dispersion has a weight ratio of cationic 3,4-polyalkylene-

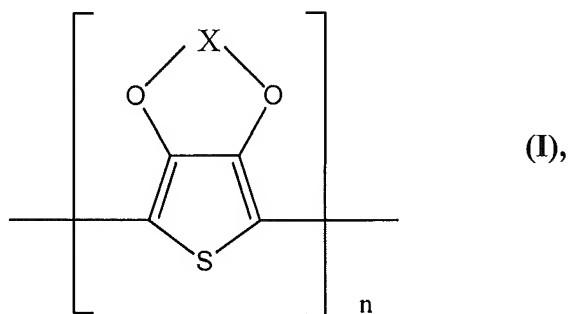
dioxythiophene to polyanion of from 1: 8 to 1: 25, and 90% by weight of the particles of

the dispersion being less than 40 nm.

2. (Cancelled)

3. (Cancelled)

4. (Previously Presented) The dispersion according to Claim 1, wherein the 3,4-polyalkylenedioxythiophenes are represented by formula (I),



wherein,

n is an integer from 3 to 100, and  
X is  $-(CH_2)_x-CR^1R^2-(CH_2)_y-$ , wherein

$R^1$  and  $R^2$ , independently of one another, are selected from the group consisting of H, an optionally substituted alkyl radical having from 1 to 20 carbon atoms, an aryl radical having from 6 to 14 carbon atoms, and

$-\text{CH}_2-\text{OR}^3$ ,

wherein  $R^3$  is selected from the group consisting of H, alkyl and

$-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{SO}_3\text{H}$ ,

and

x and y are each, independently of one another, an integer from 0 to 9.

5. (Original) The dispersion according to Claim 1, wherein the dispersion is a 3,4-polyethylenedioxythiophene / polystyrene sulfonate dispersion.

6-8. (Cancelled)

9. (Previously Presented) The dispersion according to Claim 4, wherein n is an integer from 4 to 15.